

=> d pn 4 9 10 14

L12 ANSWER 4 OF 15 USPATFULL  
PI US 6492103 B1 20021210

L12 ANSWER 9 OF 15 USPATFULL  
PI US 6395467 B1 20020528

L12 ANSWER 10 OF 15 USPATFULL  
PI US 2001031459 A1 20011018

L12 ANSWER 14 OF 15 USPATFULL  
PI US 5514536 19960507

=> d his

(FILE 'HOME' ENTERED AT 15:14:35 ON 22 APR 2003)

FILE 'USPATFULL' ENTERED AT 15:14:53 ON 22 APR 2003

L1 11475 S GLUCONATE  
L2 236908 S MAGNESIUM  
L3 17650 S ADENINE  
L4 8432 S RIBOSE  
L5 254696 S CALCIUM  
L6 105972 S GLUCOSE OR DEXTROSE  
L7 39995 S MANNITOL  
L8 22806 S HEPES  
L9 123818 S STARCH OR PENTASTARCH  
L10 660 S HES OR HYDROXYETHYLSTARCH  
L11 124083 S L10 OR L9  
L12 15 S L11 AND L8 AND L7 AND L6 AND L5 AND L4 AND L3 AND L2 AND L1

=> log hold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
56.19	56.40

FULL ESTIMATED COST

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 15:32:04 ON 22 APR 2003

=> d his

(FILE 'HOME' ENTERED AT 15:14:35 ON 22 APR 2003)

FILE 'USPATFULL' ENTERED AT 15:14:53 ON 22 APR 2003

L1 11475 S GLUCONATE  
L2 236908 S MAGNESIUM  
L3 17650 S ADENINE  
L4 8432 S RIBOSE  
L5 254696 S CALCIUM  
L6 105972 S GLUCOSE OR DEXTROSE  
L7 39995 S MANNITOL  
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L9 123818 S STARCH OR PENTASTARCH  
L10 660 S HES OR HYDROXYETHYLSTARCH  
L11 124083 S L10 OR L9  
L12 15 S L11 AND L8 AND L7 AND L6 AND L5 AND L4 AND L3 AND L2 AND L1

FILE 'MEDLINE' ENTERED AT 16:29:18 ON 22 APR 2003

L13 11153 S NITROGLYCERIN

FILE 'REGISTRY' ENTERED AT 16:29:45 ON 22 APR 2003

L14 1 S NITROGLYCERIN/CN

FILE 'MEDLINE' ENTERED AT 16:30:47 ON 22 APR 2003

L15 1706 S TRINITRATE  
L16 26168 S NITRATE  
L17 34550 S L14 OR L15 OR L16  
L18 437430 S KIDNEY  
L19 1187 S L17 AND L18  
L20 10212 S PERFUSATE  
L21 18 S L19 AND L20  
L22 11153 S NITROGLYCERIN  
L23 437430 S KIDNEY  
L24 167 S L22 AND L23  
L25 419396 S PERFUSION OR TRANSPLANTATION OR TRANSPLANT  
L26 21 S L24 AND L25

FILE 'WPIDS' ENTERED AT 16:38:03 ON 22 APR 2003

L27 647 S NITROGLYCERIN OR (GLYCER!! TRINITRATE)  
L28 12531 S KIDNEY  
L29 6 S L27 AND L28

FILE 'CA' ENTERED AT 16:42:02 ON 22 APR 2003  
S 55-63-0/REG#

FILE 'REGISTRY' ENTERED AT 16:42:13 ON 22 APR 2003

L30 1 S 55-63-0/RN

FILE 'CA' ENTERED AT 16:42:14 ON 22 APR 2003

L31 6256 S L30  
L32 250772 S KIDNEY  
L33 90 S L31 AND L32  
L34 2671222 S SOLUTION OR PERFUSATE OR PERFUSION OR TRANSPLANT?  
L35 15 S L34 AND L33

FILE 'USPATFULL' ENTERED AT 16:48:08 ON 22 APR 2003

L36 700 S 55-63-0/RN  
L37 2813 S NITROGLYCERIN  
L38 3076 S L36 OR L37  
L39 46592 S KIDNEY  
L40 526 S L38 AND L39  
L41 17313 S PERFUSION OR PERFUSED OR PERFUSING

L42            177 S L41 AND L40  
L43            1059 S L41 (P) L39  
L44            27 S L43 AND L37

=> log hold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
35.37	168.65

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-3.10

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 17:02:05 ON 22 APR 2003

=> d his

(FILE 'HOME' ENTERED AT 15:14:35 ON 22 APR 2003)

FILE 'USPATFULL' ENTERED AT 15:14:53 ON 22 APR 2003

L1 11475 S GLUCONATE  
L2 236908 S MAGNESIUM  
L3 17650 S ADENINE  
L4 8432 S RIBOSE  
L5 254696 S CALCIUM  
L6 105972 S GLUCOSE OR DEXTROSE  
L7 39995 S MANNITOL  
L8 22806 S HEPES  
L9 123818 S STARCH OR PENTASTARCH  
L10 660 S HES OR HYDROXYETHYLSTARCH  
L11 124083 S L10 OR L9  
L12 15 S L11 AND L8 AND L7 AND L6 AND L5 AND L4 AND L3 AND L2 AND L1

FILE 'MEDLINE' ENTERED AT 16:29:18 ON 22 APR 2003

L13 11153 S NITROGLYCERIN

FILE 'REGISTRY' ENTERED AT 16:29:45 ON 22 APR 2003

L14 1 S NITROGLYCERIN/CN

FILE 'MEDLINE' ENTERED AT 16:30:47 ON 22 APR 2003

L15 1706 S TRINITRATE  
L16 26168 S NITRATE  
L17 34550 S L14 OR L15 OR L16  
L18 437430 S KIDNEY  
L19 1187 S L17 AND L18  
L20 10212 S PERFUSATE  
L21 18 S L19 AND L20  
L22 11153 S NITROGLYCERIN  
L23 437430 S KIDNEY  
L24 167 S L22 AND L23  
L25 419396 S PERFUSION OR TRANSPLANTATION OR TRANSPLANT  
L26 21 S L24 AND L25

FILE 'WPIDS' ENTERED AT 16:38:03 ON 22 APR 2003

L27 647 S NITROGLYCERIN OR (GLYCER!! TRINITRATE)  
L28 12531 S KIDNEY  
L29 6 S L27 AND L28

FILE 'CA' ENTERED AT 16:42:02 ON 22 APR 2003

S 55-63-0/REG#

FILE 'REGISTRY' ENTERED AT 16:42:13 ON 22 APR 2003

L30 1 S 55-63-0/RN

FILE 'CA' ENTERED AT 16:42:14 ON 22 APR 2003

L31 6256 S L30  
L32 250772 S KIDNEY  
L33 90 S L31 AND L32  
L34 2671222 S SOLUTION OR PERFUSATE OR PERFUSION OR TRANSPLANT?  
L35 15 S L34 AND L33

FILE 'USPATFULL' ENTERED AT 16:48:08 ON 22 APR 2003

L36 700 S 55-63-0/RN  
L37 2813 S NITROGLYCERIN  
L38 3076 S L36 OR L37  
L39 46592 S KIDNEY  
L40 526 S L38 AND L39

L41 17313 S PERFUSION OR PERFUSED OR PERFUSING  
L42 177 S L41 AND L40  
L43 1059 S L41 (P) L39  
L44 27 S L43 AND L37

FILE 'MEDLINE' ENTERED AT 17:43:12 ON 22 APR 2003

L45 2 S BELZER-MPS  
L46 81 S BELZER  
L47 6061 S PROSTAGLANDIN "E1"  
L48 109357 S PERFUSE OR PERFUSATE OR PERFUSION  
L49 253 S L47 AND L48  
L50 437484 S KIDNEY  
L51 14 S L49 AND L50

=> log hold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
15.36	184.01

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-3.10

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 18:02:03 ON 22 APR 2003

L14 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS

RN 55-63-0 REGISTRY

CN 1,2,3-Propanetriol, trinitrate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN **Nitroglycerin (8CI)**

OTHER NAMES:

CN 1,2,3-Propanetriyl nitrate

CN Adesitrin

CN Angibid

CN Anginine

CN Angiolingual

CN Angorin

CN Aquo-Trinitrosan

CN Blasting oil

CN Cardamist

CN Chitamite

CN Cordipatch

CN Corditrine

CN Coro-Nitro

CN Deponit

CN Diafusor

CN Discotrine

CN Epinitril

CN Gilucor

CN Gilucor nitro

CN Glonoin

CN Glycerin trinitrate

CN Glycerol nitric acid triester

CN Glycerol trinitrate

CN Glyceryl nitrate

CN Glyceryl trinitrate

CN GTN

CN Klavikordal

CN Lenitral

CN Lentonitrina

CN Millisrol

CN Minitran

CN Minitran (nitroglycerin)

CN Myoglycerin

CN NG

CN Niglin

CN Niglycon

CN Niong

CN Nitora

CN Nitrin

CN Nitrine

CN Nitrine-TDC

CN Nitro Mack

CN Nitro-Bid

CN Nitro-Dur

CN Nitro-Gesani

CN Nitro-lent

CN Nitro-PRN

CN Nitro-Span

CN Nitrocardin

CN Nitroderm

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

FS 3D CONCORD

DR 8013-23-8, 9010-02-0, 105469-31-6, 80066-48-4, 100292-13-5

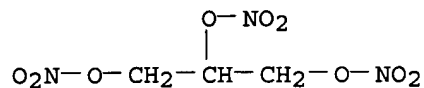
MF C3 H5 N3 O9

CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS,

17, 15, 11

BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,  
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU,  
 DETHERM\*, DIOGENES, DIPPR\*, DRUGNL, DRUGU, DRUGUPDATES, EMBASE, GMELIN\*,  
 HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS,  
 NIOSHTIC, PDLCOM\*, PHAR, PHARMASEARCH, PIRA, PROMT, RTECS\*, SPECINFO,  
 TOXCENTER, TULSA, ULIDAT, USAN, USPAT2, USPATFULL, VETU, VTB  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

6223 REFERENCES IN FILE CA (1962 TO DATE)  
 32 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 6230 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
 7 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=>

LS1 ANSWER 7 OF 14 MEDLINE  
 AN 95291541 MEDLINE  
 DN 95291541 PubMed ID: 7773485  
 TI **Prostaglandin E1** attenuation of ischemic renal  
 reperfusion injury in the rat.  
 AU Vargas A V; Krishnamurthi V; Masih R; Robinson A V; Schulak J A  
 CS Department of Surgery, Case Western Reserve University, Cleveland, OH,  
 USA.  
 SO JOURNAL OF THE AMERICAN COLLEGE OF SURGEONS, (1995 Jun) 180 (6) 713-7.  
 Journal code: 9431305. ISSN: 1072-7515.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Abridged Index Medicus Journals; Priority Journals  
 EM 199507  
 ED Entered STN: 19950720  
 Last Updated on STN: 19950720  
 Entered Medline: 19950712  
 AB BACKGROUND: **Prostaglandin E1** (PGE1), a vasodilating  
 prostaglandin, has been shown to protect against renal  
 ischemic-reperfusion injury in acute experiments. The purpose of this  
 study was to determine whether or not delayed administration of PGE1 would  
 also be effective, as it has been suggested to be, in ischemic hepatic  
 injury. STUDY DESIGN: In a chronic model, rats underwent 60 minutes of  
 total renal ischemia followed by either NaCl or PGE1 therapy delivered at  
 either time 0, 30, or 60 minutes after reperfusion. Serum creatinine and  
 renal histology were evaluated for seven days. In an isolated perfused  
**kidney** model, **kidneys** were similarly treated but were  
 removed and perfused in order to measure renal vascular resistance (VR).  
 RESULTS: **Prostaglandin E1** administration at time 0  
 resulted in lower creatinine values when compared with controls at both  
 day 2 (2.1 +/- 0.4 compared with 4.2 +/- 0.9 mg/dL) and day 7 (0.9 +/- 0.1  
 compared with 2.3 +/- 0.8 mg/dL). Conversely, no improvement was observed  
 when PGE1 was delayed for either 30 or 60 minutes. Renal morphology at  
 seven days was essentially intact in PGE1-treated rats (time 0) whereas  
 changes characteristic of acute tubular necrosis were observed in control  
**kidneys**. Ischemia caused a twofold increase in VR compared with  
 nonischemic controls (6.18 +/- 1.12 compared with 3.45 +/- 0.66 mm  
 Hg/mL/min/g at 20 minutes of **perfusion**). **Prostaglandin**  
**E1**-treated **kidneys** (time 0) had a VR that was unchanged  
 from that calculated for nonischemic controls (3.28 +/- 0.63 compared with  
 3.45 +/- 0.66 mm Hg/mL/min/g at 20 minutes). CONCLUSIONS: These data  
 demonstrate that after total renal ischemia, PGE1 administration at  
 reperfusion ameliorates the expected injury, whereas delayed treatment is  
 ineffective. Decreased vascular resistance may be responsible for this  
 protective effect.